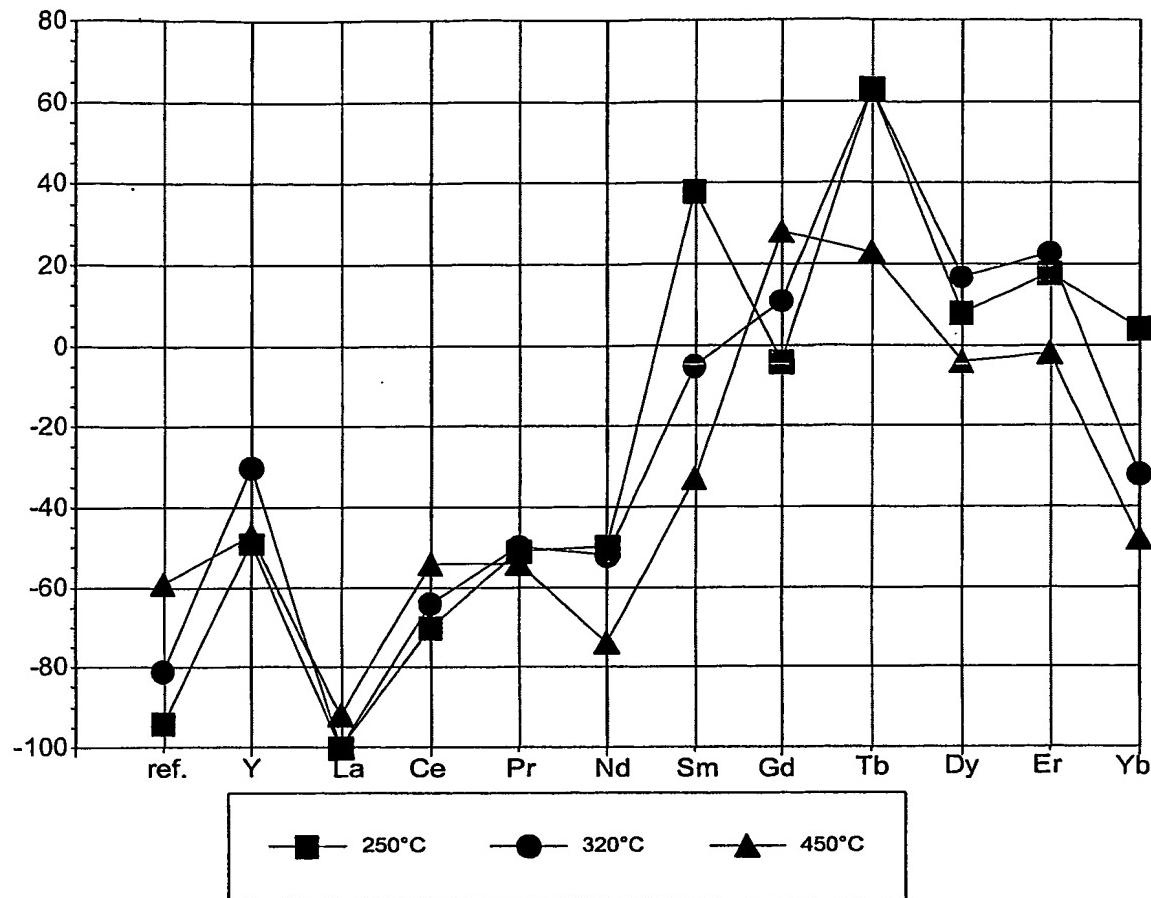


Figure 1: Scheme of the apparatus



ref.: 3% $\text{V}_2\text{O}_5$  / $\text{WO}_3/\text{TiO}_2$

Figure 2: Activity drop/increase (%) after aging for various temperatures

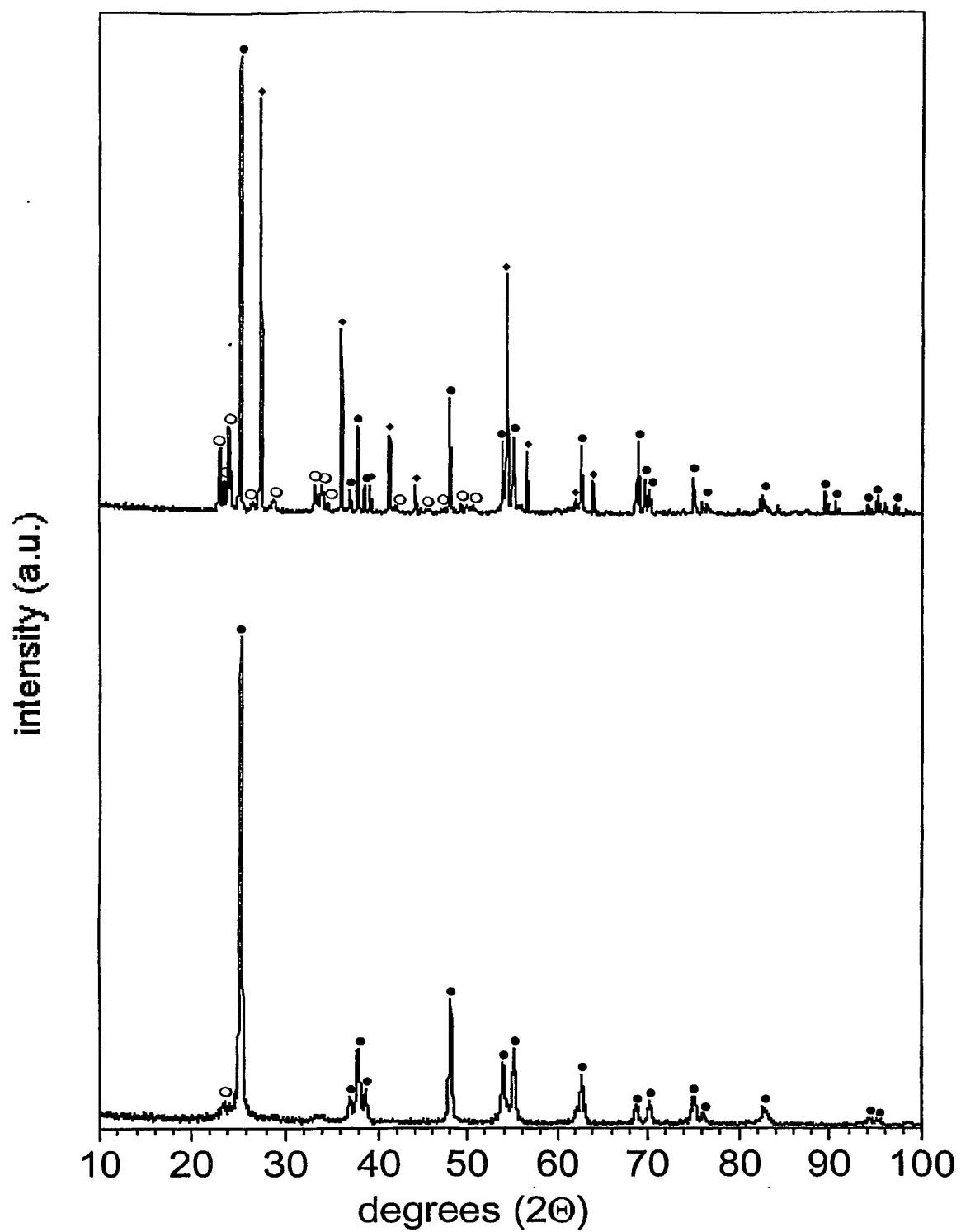


Figure 3: X-ray diffraction profiles of fresh and aged  $\text{V}_2\text{O}_5$  - WT;  
rutile( $\blacklozenge$ ); anatase( $\bullet$ );  $\text{WO}_3$ ( $\circ$ ).

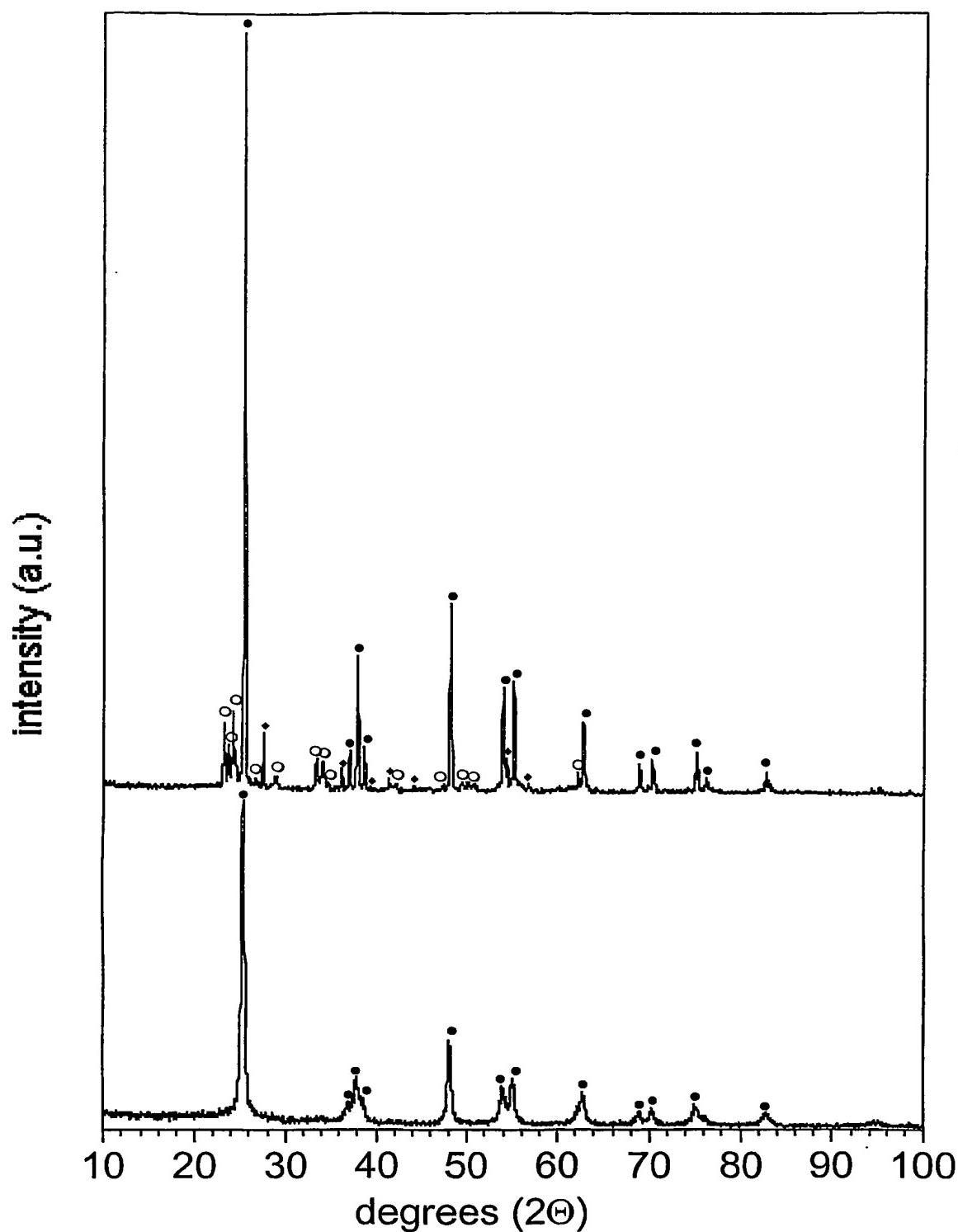


Figure 4: X-ray diffraction profiles of fresh and aged V<sub>2</sub>O<sub>5</sub>-WTS; rutile(◆); anatase(●); WO<sub>3</sub>(○).

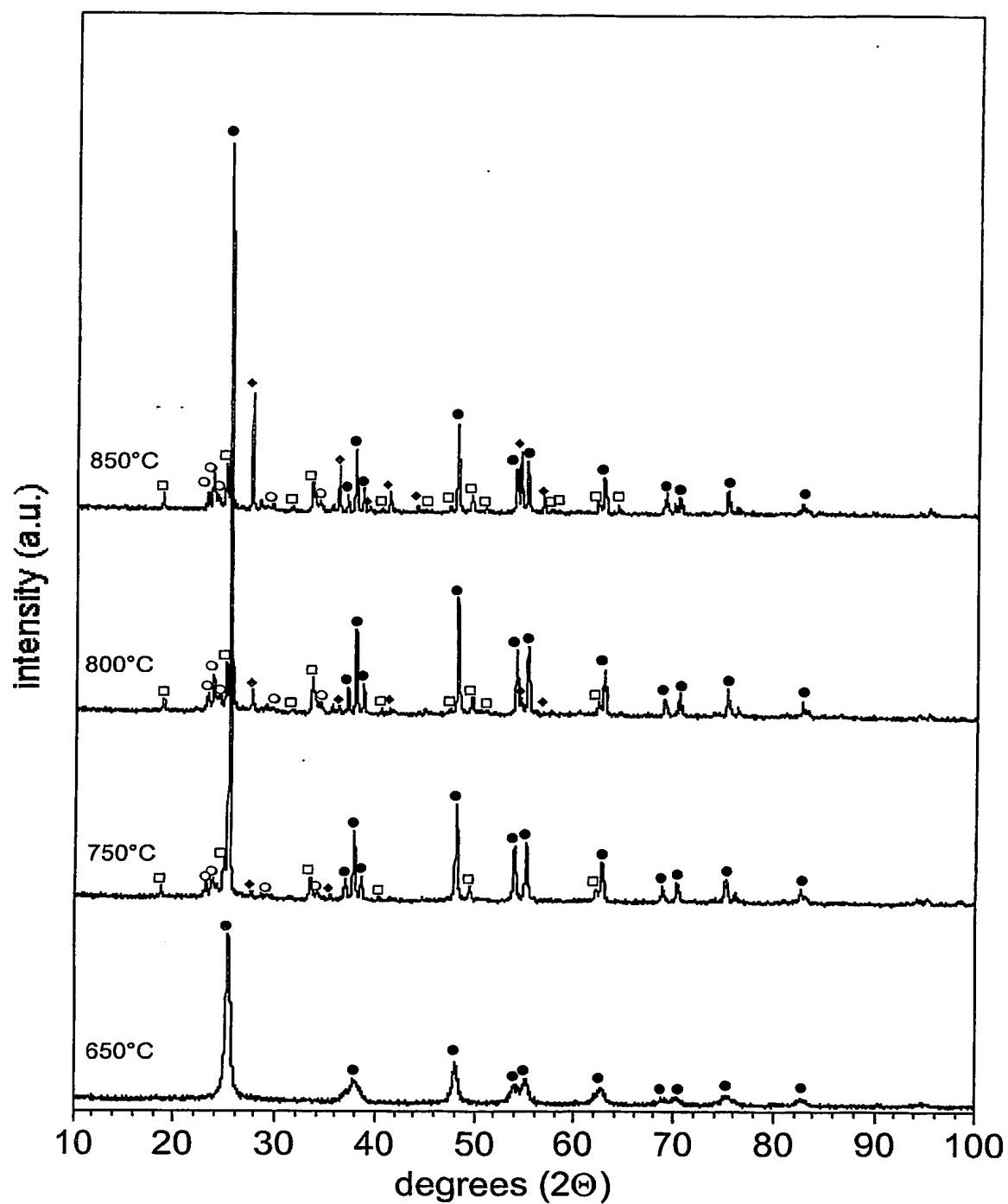


Figure 5: X-ray diffraction profiles of TbVO<sub>4</sub>-WTS aged at different temperatures; rutile(◆); anatase(●); WO<sub>3</sub>(○); TbVO<sub>4</sub>(□).